

Serial No.: 10/684,295

Amendments to the Drawings:

The attached sheet of drawings includes changes to Fig. 10. This sheet replaces the original sheet for Fig. 10. In Fig. 10, the word “course” has been changed to “coarse.”

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS

The specification and Figure 10 of the drawings have been amended. Claims 20-24 stand allowed. Claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 have been canceled. Claims 2, 4, 8, 11, 13, 15, 16, 28, 30 and 33 have been amended to place them in proper form. Reexamination and reconsideration are requested.

In the office action, dated October 20, 2006, the examiner objected to the specification, as well as claims 2-4, 8-11, 13, 15-16, 18, 28, 30 and 33. In addition, the examiner rejected claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,694,064 issued to Benkelman ("Benkelman").

The specification has been corrected to overcome the examiner's objections. Figure 10 has been corrected as well. Claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 have been canceled, rendering moot the examiner's §102(e) rejections. Claim 4 has been amended to address the examiner's objection. Claims 1, 8, 11, 13, 15, 16, 28, 30 and 33 have been amended to place them in proper independent form. Therefore, in addition to claims 20-24 which stand allowed, the claims remaining in this application are now in condition for allowance.

Re the specification:

The specification has been amended to overcome the examiner's objection. No new matter is added.

Re the claims:

Claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 have been canceled.

Claim 4 has been amended to address the examiner's objection. No new matter is added.

Claims 2, 8, 11, 13, 15, 16, 28, 30 and 33 have been amended to place them in proper independent form. No new matter is added.

Re the drawings:

Figure 10 has been amended to correct a typographical error. No new matter is added.

Response to the Examiner's Objections and Rejections

Objections

1. As stated above, the specification and Figure 10 have been amended to change the word "course" to "coarse".
2. Claim 4 has been amended to correct a lack of antecedent basis pointed out by the examiner.
3. Claim 18 has been canceled; therefore, the examiner's objection has been rendered moot.
4. The examiner objected to claims 2-4, 8-11, 13, 15-16, 18, 28, 30 and 33 as being dependent on a rejected base claim. These claims have been rewritten in independent form as appropriate, and should therefore be allowable:

- a. Claim 2 was amended to include the limitations of claim 1, and should now be allowable.
- b. Claim 3 depends from claim 2; since claim 2 has been amended, claim 3 now depends from a claim the examiner indicated should now be allowable.
- c. Claim 4, which depends from claim 2, was amended to correct a lack of antecedent basis. However, since claim 2 has been amended, claim 4 now depends from a claim the examiner indicated is allowable.
- d. Claim 8 depends from claim 6 which depends from claim 1. Claim 8 has been amended to incorporate the limitations of both claims 1 and 6. Claim 8 should now be allowable.
- e. Claim 9 depends from claim 8; since claim 8 has been amended, claim 9 now depends from a claim the examiner indicated should now be allowable.
- f. Claim 10 depends from claim 8; since claim 8 has been amended, claim 10 now depends from a claim the examiner indicated should now be allowable.
- g. Claim 11 depends from claim 6 which depends from claim 1. Claim 11 has been amended to incorporate the limitations of both claims 1 and 6. Claim 11 should now be allowable.
- h. Claim 13 depends from claim 12 which depends from claim 6, which in turn depends from claim 1. Claim 13 has been amended to incorporate the limitations of claims 1, 6 and 12. Claim 13 should now be allowable.
- i. Claim 15 depends from claim 14 which depends from claim 1. Claim 15 has been amended to incorporate the limitations of claims 1 and 14. As indicated by the examiner, claim 15 should now be allowable.

j. Claim 16 depends from claim 14 which depends from claim 1. Claim 16 has been amended to incorporate the limitations of claims 1 and 14. As indicated by the examiner, claim 16 should now be allowable.

k. Claim 28 depends from claim 27 which depends from claim 26 which, in turn, depends from claim 25. Claim 28 has been amended to incorporate the limitations of claims 25-27. Therefore, as indicated by the examiner, claim 28 should now be allowable.

l. Claim 30 depends from claim 29. Claim 30 has been amended to incorporate the limitations of claim 29. Therefore, as indicated by the examiner, claim 30 should now be allowable.

m. Claim 33 depends from claim 32 which depends from claim 31, which, in turn, depends from claim 29. Claim 33 has been amended to incorporate all the limitations of claims 29, 31 and 32. As indicated by the examiner, claim 33 should now be allowable.

Rejections

The examiner rejected claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 under 35 U.S.C. § 102(e) as being anticipated by Benkelman. Claims 1, 5-7, 12, 14, 17-19, 25-27, 29, 31 and 32 have been canceled, rendering these rejections moot.

Query

The applicant thanks the examiner for raising a question regarding, "The Space Imaging Registration and Warp Algorithm." The disclaimer on the front is correct; the article was not publicly disclosed.

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The applicant believes that all of the claims now pending in this patent application, as amended and described above, are allowable and that all other issues raised by the examiner have been addressed. Therefore, the applicant respectfully requests the examiner to reconsider his rejections and to grant an early allowance. If any questions or issues remain to be resolved the examiner is requested to contact the applicant's attorney at the telephone number listed below.

Respectfully submitted,



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